

# Autism Spectrum Disorder Research Portfolio Analysis Web Tool

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## Introduction

developed and launched a new database, the IACC Portfolio Analysis Web Tool, which provides broad public access to autism research project and funding data from both federal agencies and private non-profit organizations that support ASD research-related activities. This web tool is an online companion database to the IACC Autism Spectrum Disorder Research Portfolio Analysis Report.

## How is the Web Tool useful for the public

The database can be browsed and sorted by several categories, and a user-friendly search tool supports inquiries based on more specific parameters, such as keywords that may appear in a title or project description. For each research project in the latest edition and previous editions of the IACC ASD Research Portfolio Analysis Report, all of the information collected to generate these reports is accessible in this online database. These data include the project title, principal investigator, annual funding amount, IACC Strategic Plan Question and Objective codes, and project descriptions.

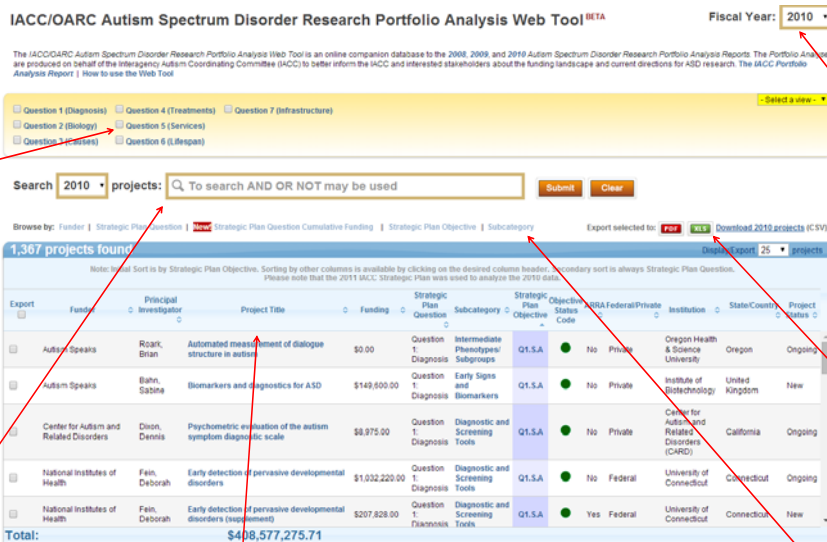
The ease of use of the IACC Portfolio Analysis Web Tool is highlighted by the fact that search results can be filtered according to multiple categories, such as, "Funder," "Strategic Plan Question," "Cumulative Funding," "Objective," or "Subcategory".

Projects identified by a filter and/or search function are displayed in a table with each row representing a different project. Information associated with each project (e.g., Title, Funding, etc.) is arranged in columns. In addition, browsing the web tool using any of the above categories also produces pie charts to graphically represent the distribution of funders, objectives, or subcategories depending on the filter applied.

## How to use the Web Tool

**Filter function-** The projects may be filtered by Strategic Plan Question or Funder by checking a single checkbox or multiple checkboxes within the filter section. When a checkbox is checked, the results appear within the result table just below the filter section.

**Search function-** The database can also be used to identify research on a particular topic area of interest. Using keywords, a search tool enables inquiries based on more specific parameters, for example a search on the term "environment" will return all projects with that word somewhere in their database entry. The search function supports OR, AND, and NOT as Boolean operators.



**Select funding year-** To begin, first select the year of data that you would like to view by using the drop-down box in the top right corner of the page. Then the data can be filtered, sorted, or searched using the filter and search functions of the web tool.

**Export function-** The table returned by the filter and search functions can be exported to a PDF document or an Excel spreadsheet by clicking on the icon or text on the right of the screen. To export only a few select projects from the list, check the box to the left of each project of interest and then click "Export." To export the current page, click the "Export" checkbox within the header of the table and choose the format of the export.

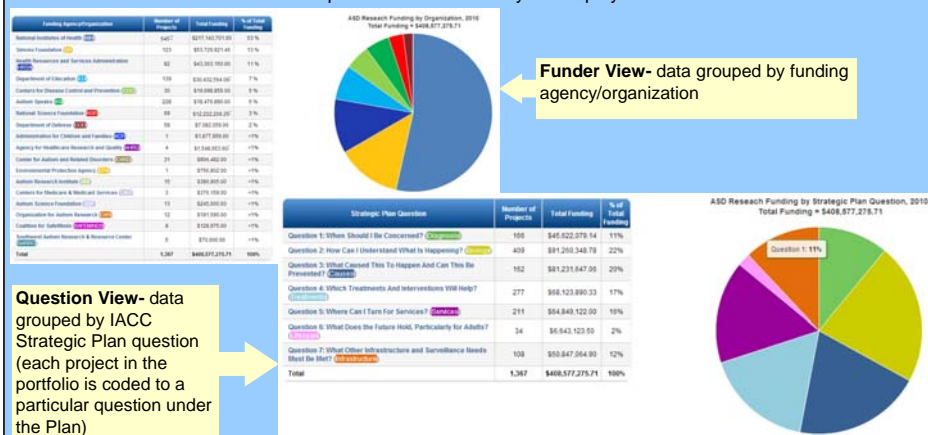
**Sort function-** Clicking at the top of a column of the data will sort all of the projects in the database by the entry in that column. For example, clicking on the "Title" column will sort all of the projects alphabetically by their titles, and clicking on the "Strategic Plan Question" column will sort the projects according to the question in the Strategic Plan to which they correspond.

**Browse by section-** The database can be browsed by category, such as "Funder," "Strategic Plan Question" or "Objective," or "Subcategory." This would identify all of the projects that are supported by a particular funder, the projects that are categorized in a particular question or objective of the IACC Strategic Plan, or the projects that fall within a particular subcategory, respectively.

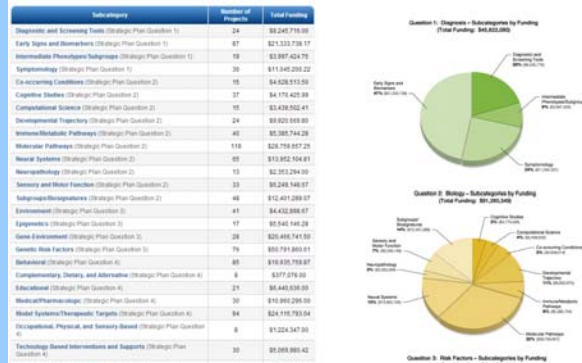
Web Tool Hyperlink: <https://iacc.hhs.gov/apps/portfolio-analysis-web-tool/projects>

## Web Tool Display

The tables and charts below are examples of the various ways to display the data contained in the Web tool



**Subcategory View-** data grouped by subcategory (within each question the projects are coded to a subject area subcategory)



## Summary

- The IACC Portfolio Analysis Web Tool, similar to the Portfolio Analysis Report, can be used by multiple stakeholders, including the public, to better understand funding trends and research activities in the ASD field.
- For each research project in the latest edition and previous editions of the IACC ASD Research Portfolio Analysis Report, all of the information collected to generate these reports is accessible in this online database.
- Access to this information for each project, as well as searching, sorting and graphics allows examination of various aspects of federally and privately-funded ASD research projects and facilitates further analysis and monitoring of progress over time.
- Future advancements of the Web Tool will involve the incorporation of interactive interfaces that will permit user-directed analyses in real-time.

For inquiries please send a request to: [IACCPublicInquiries@mail.nih.gov](mailto:IACCPublicInquiries@mail.nih.gov) or [sdaniels@mail.nih.gov](mailto:sdaniels@mail.nih.gov)